



CHRISTIE Roadie 25K

Purpose-built, riggable, designed for demanding high brightness applications

Uses

Tradeshows and exhibitions

Auditoriums and churches

Concerts

Casinos, theme parks, museums

The Christie Roadie 25K is a revolutionary split-body projector utilizing 3-chip DLP™ technology. Its unique separate projection head and lamp ballast means both parts can be flown and rigged with greater ease, creating the ideal solution for challenging rental/staging installations and tight spaces.

With 2048 x 1080 resolution, 25,000 ANSI lumens and 10-bit image processing all standard, images are stunning in their size, brilliance and quality. This tough, user-friendly projector is built for frequent transport and quick set-up – perfect for any large audience venue demanding effortless installation and operation.

Christie Roadie 25K

Specifications

DISPLAY TECHNOLOGY AND RESOLUTION

- 3-chip 1.25" Darkchip3™ DMD™
- 2048 x 1080

BRIGHTNESS

- 8000 – 25,000 ANSI lumens (± 10%)
- 90% brightness uniformity across the screen

CONTRAST RATIO

- High Brightness lens: 1600:1 on/off
- High Contrast lens: 1800:1 on/off
- ANSI Contrast, both lenses: 650:1
- High Contrast optional aperture: 2800:1

INPUT LINE VOLTAGE

- Ballast: 3-phase 200-230 VAC ± 10% @ 50/60 Hz (max 24A per phase)
- 3-phase 380-415 VAC ± 10% @ 50/60 Hz (max 12.5A per phase)
- Projection Head: Single-phase 200 VAC to 240 VAC ± 10% @ 50/60 Hz

INPUTS, CONTROL & NETWORKING

- RGBHV/YPbPr: 5 BNC
- DVI-I: digital/analog RGB/YPbPr
- Dual SD/HD-SDI module
- One composite video, one S-Video
- 2 RS-232 ports and 3 RS-422 ports
- On-board ChristieNET™ connectivity (RJ45)
- IR remote, built-in backlit keypad/status display

LENS MOUNT

- Manual operation for focus, zoom and horizontal and vertical offset

WEIGHT

- Projection head (approx): 260 lb (118.2 kg)
- Ballast (approx): 110 lb (50 kg)
- Optional FredFrame (approx): 105.4 lb (47.9 kg) with Fork Lift Tubes and Castors



Offering extreme brightness, high contrast and installation and application flexibility – the Christie Roadie 25K shines virtually anywhere you put it.

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Single-button direct key access, auto set-up and power-up put real control at your fingertips.



Optional rigging frame – constructed of 2" aluminum tubing for strength.



New 10-bit image processing and standard Dual SD/HD-SDI input module provide a broader color spectrum, wider signal compatibility.

COLOR PROCESSING

- 10-bit digital processing

SCAN RATES

- Horizontal – 15 kHz to 120 kHz
- Vertical – 23.97 Hz to 150 Hz

EXTRACTION FAN

- 8" exhaust port located at the projection head for extraction of hot air; extraction fan is required (min 600 cfm at projector)

VIDEO DECODER

- Built-in multi-standard video decoder (NTSC, NTSC4.43, PAL, PAL M, PAL N, PAL 60, SECAM)

LAMP

- Xenon bubble lamp, field replaceable
- High brightness: CDXL60, CDXL45, CDXL30 and CDXL20
- Standard lamps: CXL60, CXL45, CXL30
- Lamp life: 600 – 2400 hours (depending on lamp model)
- Auto LampLOC™ – automatic, for optimized brightness and uniformity

POWER SUPPLY

- Separate 7kW low-ripple switch mode lamp ballast

STANDARD ACCESSORIES

- IR keypad w/batteries
- Line cord
- Dual SD/HD-SDI module
- User manual

OPTIONAL ACCESSORIES

- Extraction Fan Kit (mandatory)
- High Brightness lenses: 1:1, 1.25-1.45:1, 1.45-1.8:1, 1.8-2.4:1, 2.2-3.0:1, 3.0-4.3:1, 4.3-6.0:1, 5.5-8.5:1
- High Contrast lenses: 1.25:1.45:1, 1.45-1.8:1, 1.8-2.4:1, 2.2-3.0:1, 3.0-4.3:1, 4.3-6.0:1, 5.5-8.5:1
- Rigging frame
- 1.26X Anamorphic Lens
- Anamorphic lens mount
- ChristieTWIST™ Image Warping module with enhanced edge-blending
- Dual SD/HD-SDI (additional module), DVI and legacy interface modules
- Wired remote control
- Remote IR sensor
- Ethernet, RS-232 and RS-422 cables
- Service manual
- KoRE™ 10-bit librarian
- Stacking offset extractor duct

DIMENSIONS (W x L x H)

- Projection Head (approx): 25.6" x 49.0" x 20.5" (650mm x 1250mm x 520mm)
- Ballast (approx): 21.3" x 17.3" x 20.9" (540mm x 440mm x 530mm)
- Optional rigging frame (approx): 33.5" x 54.9" x 25.7" (851mm x 1395mm x 653mm)

REGULATORY APPROVALS

- UL/CSA/IEC 60950 (3rd edition)
- FCC Class A, CE, CCC (pending)
- This product conforms to all relevant European directives, standards, safety, health and environmental concerns

WARRANTY

- 2 years parts and labor (including light engine)



For the most current specification information, please visit www.christiedigital.com

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Performance specifications are typical. Due to constant research, specifications are subject to change without notice. Printed in Canada. 2103

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